

INTERNATIONAL SEARCH REPORT

PCT/GB 92/02140

International Application No.

I. CLASSIFICATION OF SUBJECT MATTER (If several classification symbols apply, indicate all)⁶

According to International Patent Classification (IPC) or to both National Classification and IPC

Int.C1. 5 C12P17/14;	C07D277/34;	C07D263/44;	C07D417/12
C07D413/12;	A61K31/425;	A61K31/42	

II. FIELDS SEARCHED

Minimum Documentation Searched⁷

Classification System	Classification Symbols		
Int.C1. 5	C12P	C07D	A61K

Documentation Searched other than Minimum Documentation
to the Extent that such Documents are Included in the Fields Searched⁸III. DOCUMENTS CONSIDERED TO BE RELEVANT⁹

Category ¹⁰	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
X	<p>CHEMICAL AND PHARMACEUTICAL BULLETIN. vol. 32, no. 9, 1984, TOKYO JP pages 4460 - 4465</p> <p>TAKASHI SOHDA ET AL. 'Studies on antidiabetic agents.VI. Asymmetric transformation of (+/-)-5-[4-(1-Methylcycl ohexylmethoxy)benzyl]-2,4-thiazolidinedion e (Ciglitazone) with optically active 1-phenylethylamines.'</p> <p>see the whole document</p> <p>---</p>	13-17
A	<p>EP,A,0 306 228 (BEECHAM) 8 March 1989 cited in the application see examples 3-5 see examples 28-30 see claims</p> <p>---</p> <p>---</p> <p>-/-</p>	1

¹⁰ Special categories of cited documents :¹⁰

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

¹¹ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention¹² "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step¹³ "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art¹⁴ "A" document member of the same patent family

IV. CERTIFICATION

Date of the Actual Completion of the International Search 03 MARCH 1993	Date of Mailing of this International Search Report 18. 03. 93
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International Searching Authority

EUROPEAN PATENT OFFICE

Signature of Authorized Officer

DELANGHE L.L.M.

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)		
Category	Citation of Document, with indication, where appropriate, of the relevant passages	Relevant to Claim No.
A	EP,A,0 008 203 (TAKEDA) 20 February 1980 cited in the application see claims ---	1
A	EP,A,0 198 440 (KANEKA FUCHI) 22 October 1986 cited in the application see claims -----	1

**ANNEX TO THE INTERNATIONAL SEARCH REPORT
ON INTERNATIONAL PATENT APPLICATION NO.**

GB 9202140
SA 67612

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information. 03/03/93

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP-A-0306228	08-03-89	AU-A-	2173888	09-03-89
		JP-A-	1131169	24-05-89
		US-A-	5002953	26-03-91
EP-A-0008203	20-02-80	JP-C-	1433701	07-04-88
		JP-A-	55022636	18-02-80
		JP-B-	62042903	10-09-87
		CA-A-	1131644	14-09-82
		US-A-	4287200	01-09-81
		US-A-	4340605	20-07-82
		US-A-	4438141	20-03-84
		US-A-	4444779	24-04-84
EP-A-0198440	22-10-86	JP-A-	61239893	25-10-86
		JP-A-	62065686	24-03-87
		JP-A-	62065687	24-03-87
		DE-A-	3686502	01-10-92
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		US-A-	4857468	15-08-89